

FIG.1

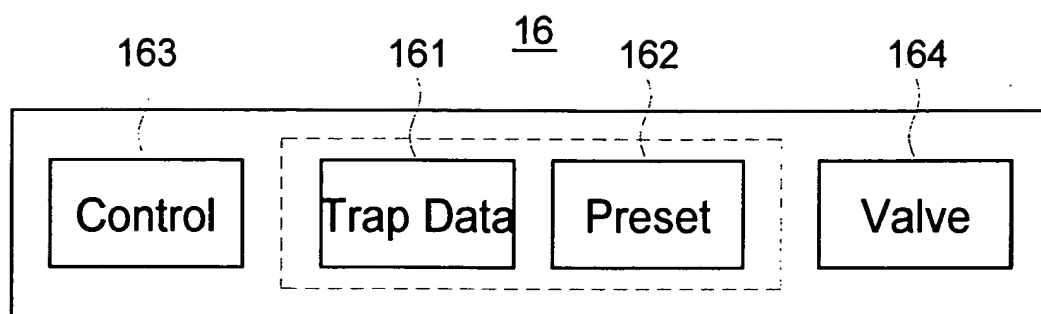


FIG.2

| Trap Code | Model | Manufacturer | Trap Type | Processing Data D |
|-----------|-------|--------------|-----------|-------------------|
| 0001 | AAA | PQR | DISC | D1 |
| 0002 | BBB | PQR | BUCKET | D2 |
| 0003 | CCC | STU | DISC | D3 |
| 0004 | DDD | STU | FLOAT | D4 |
| 0005 | EEE | XYZ | FLOAT | D5 |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

FIG.3

0976899-01401

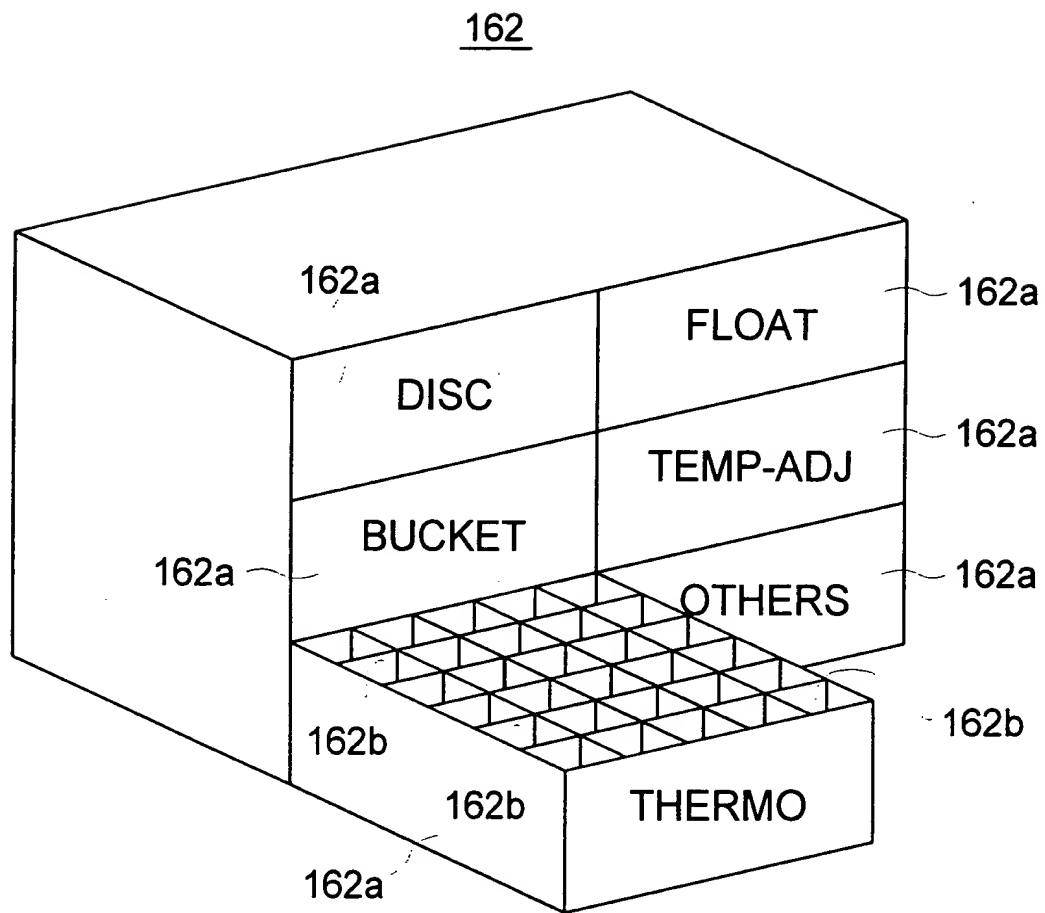


FIG.4

FIG. 5

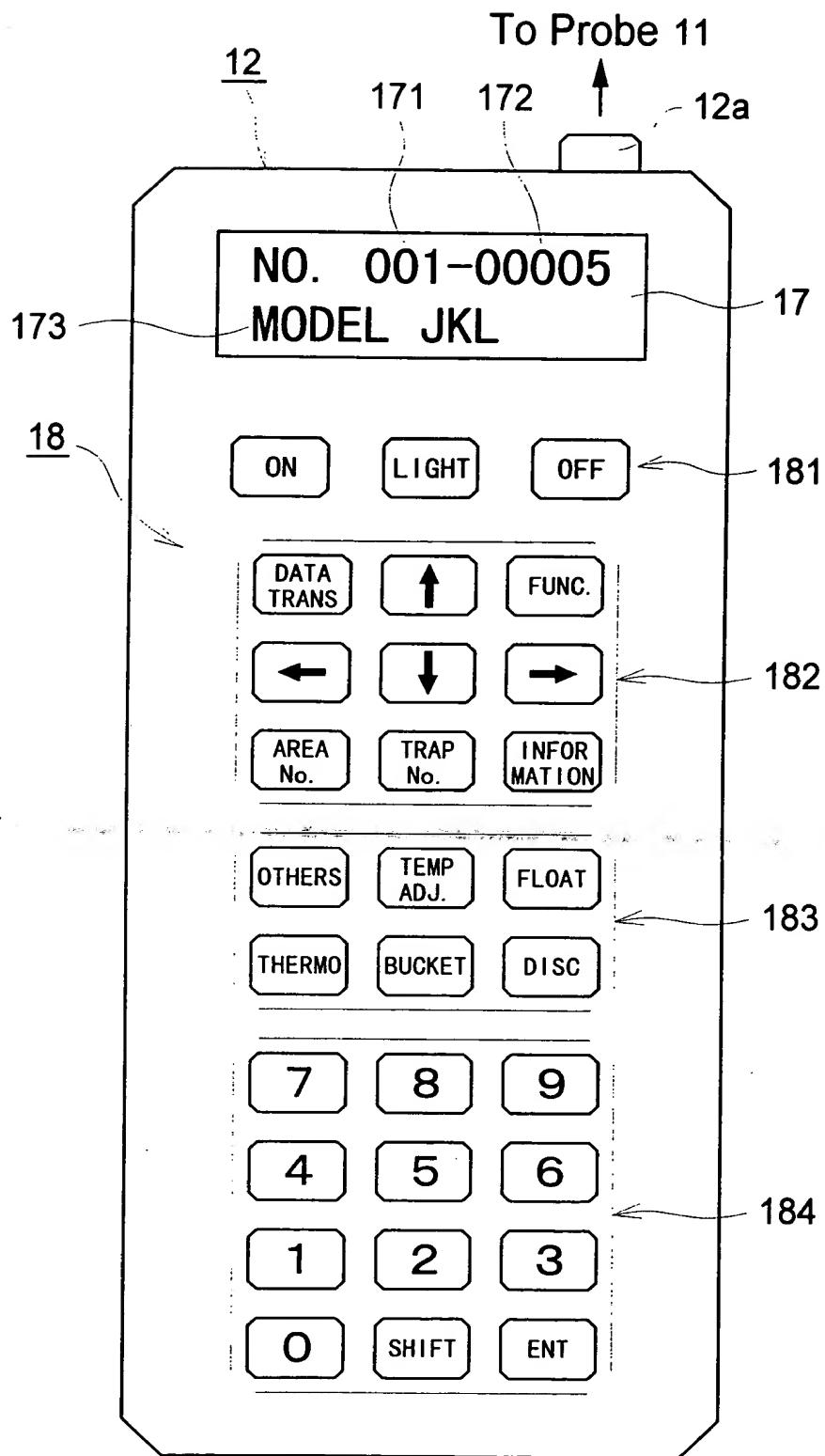


FIG.5

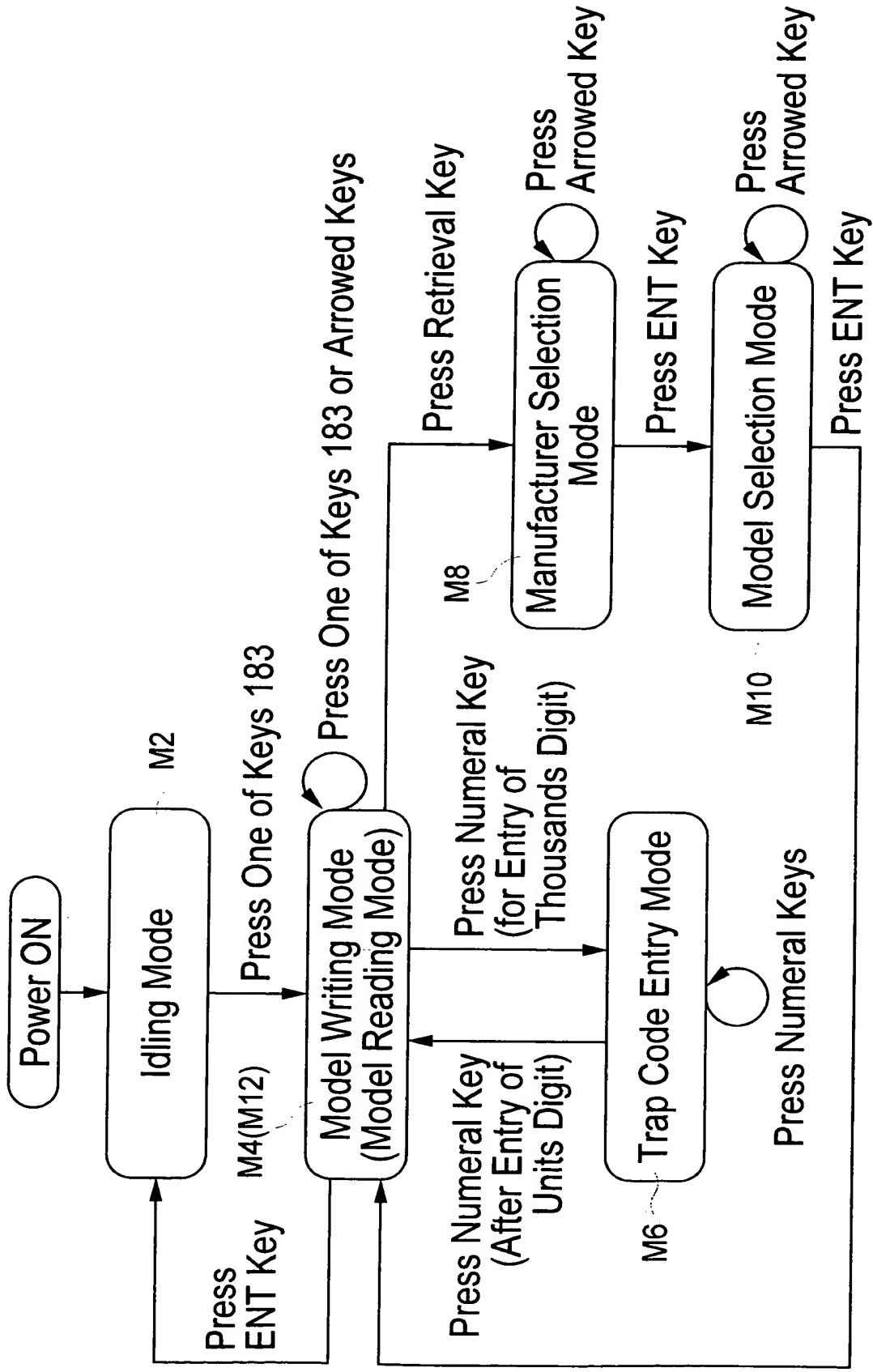


FIG.6

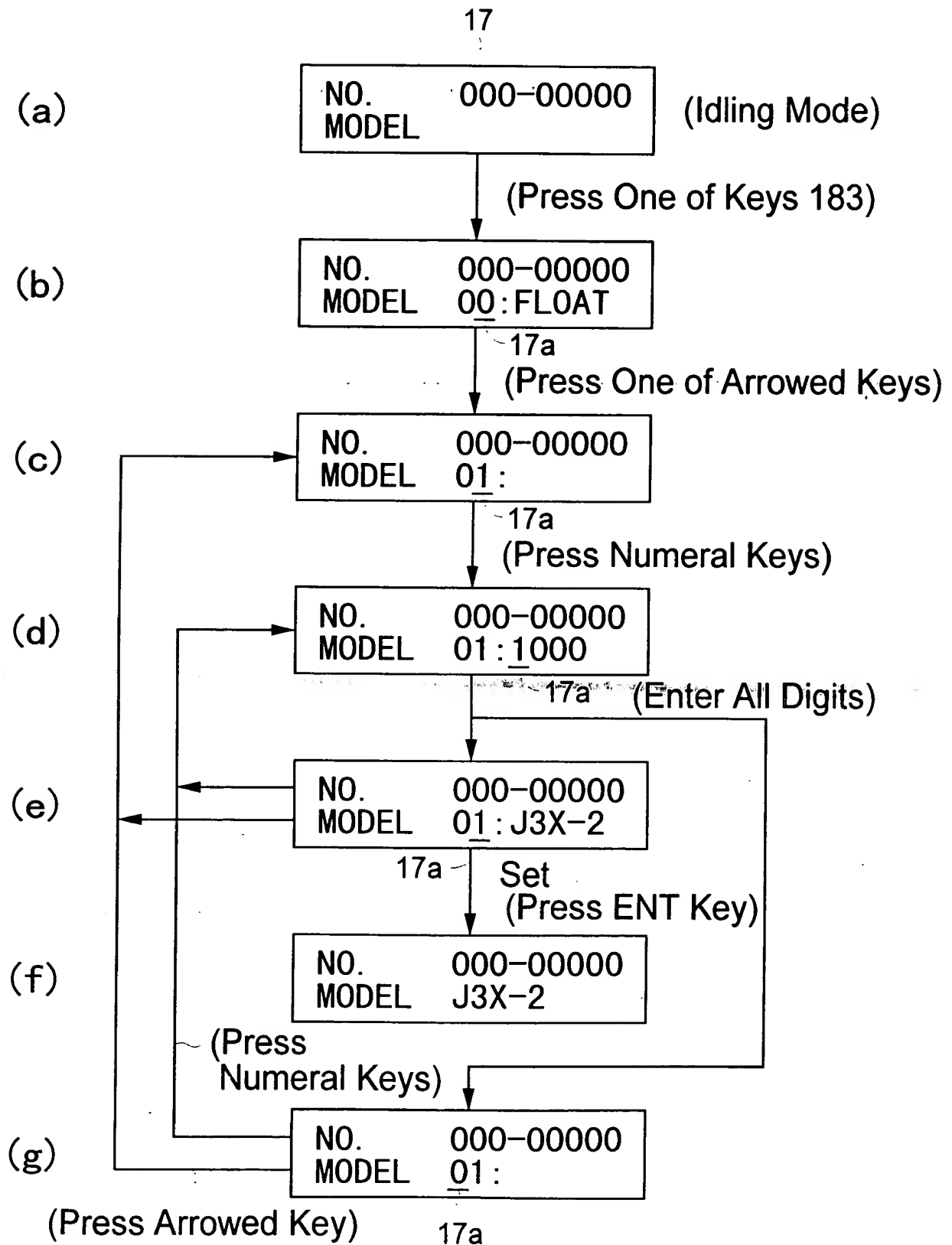


FIG.7

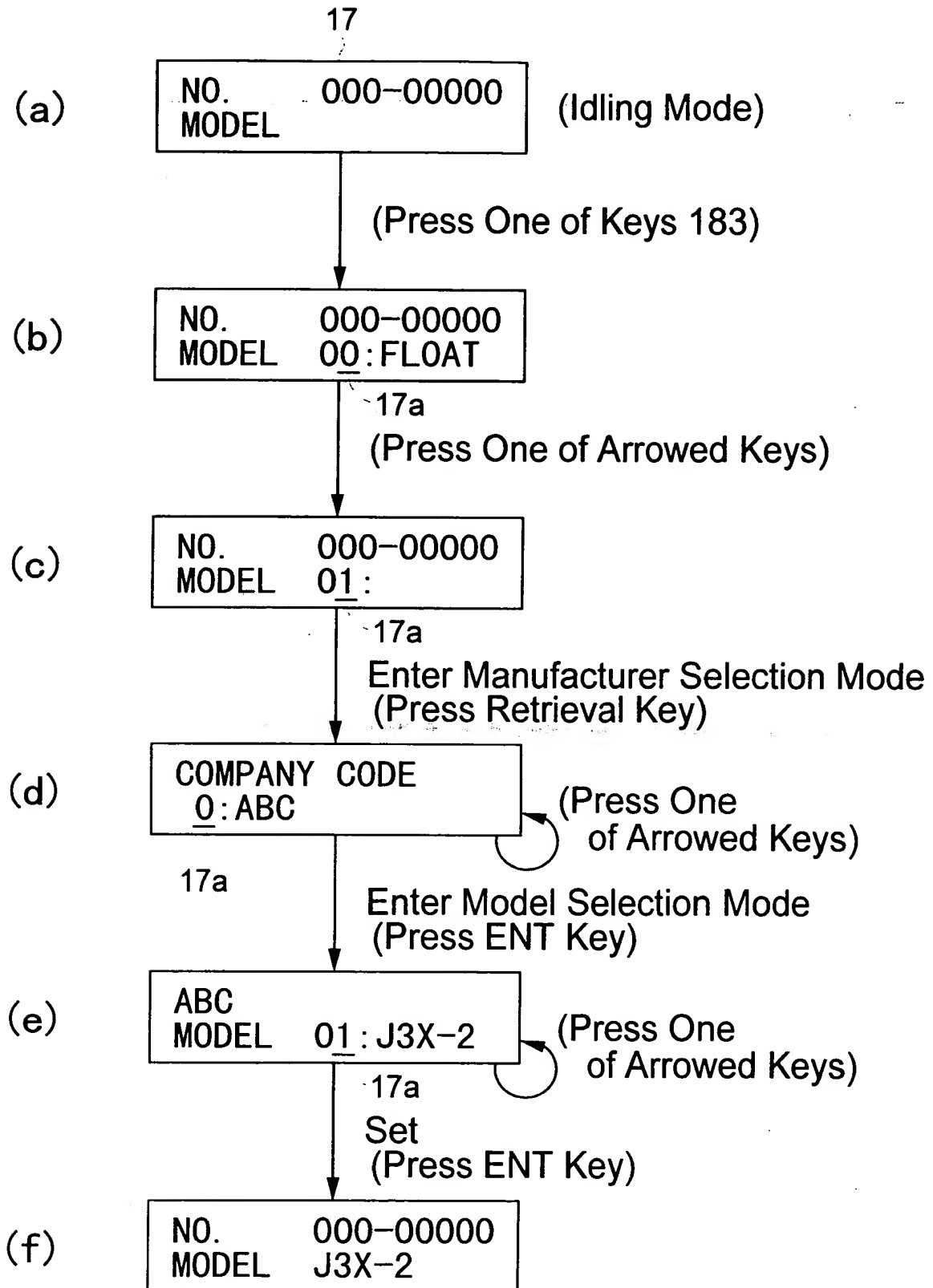


FIG.8

FORM 6589/60

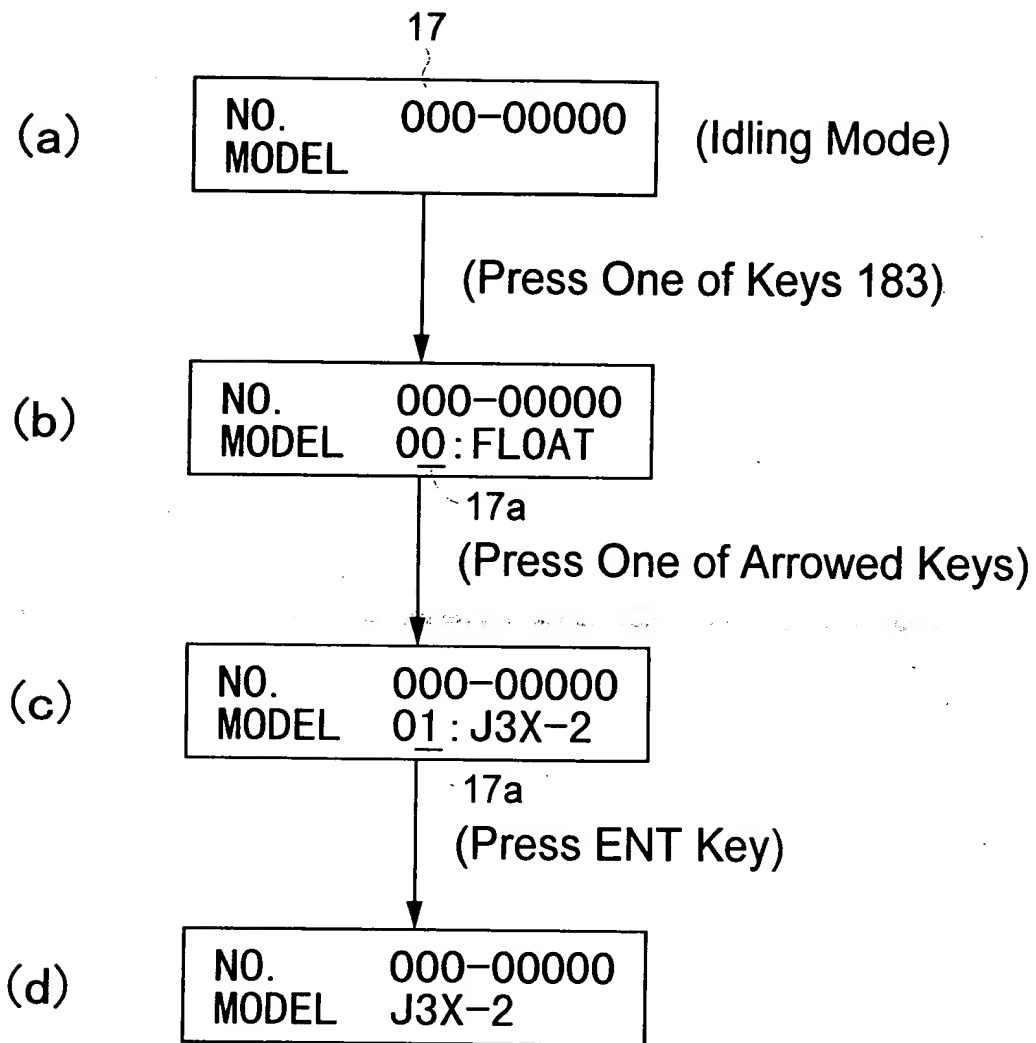


FIG.9

076899 012401 65889/60

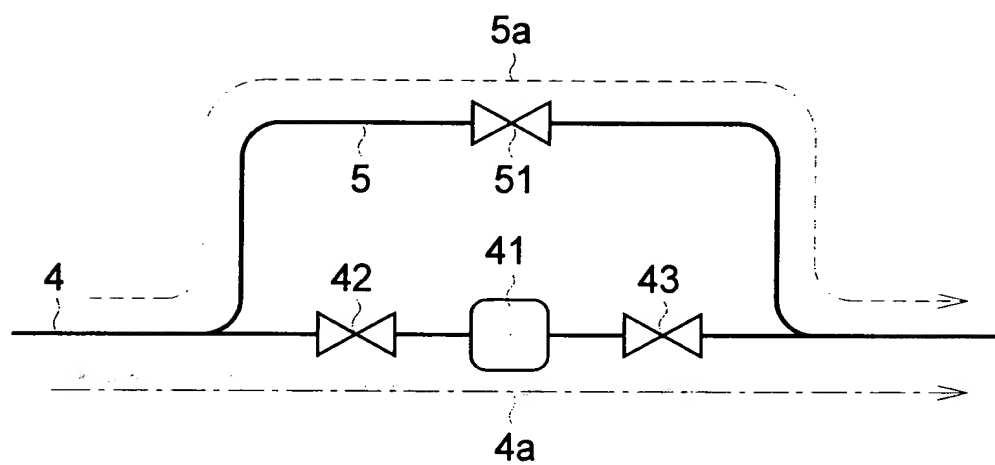


FIG.10

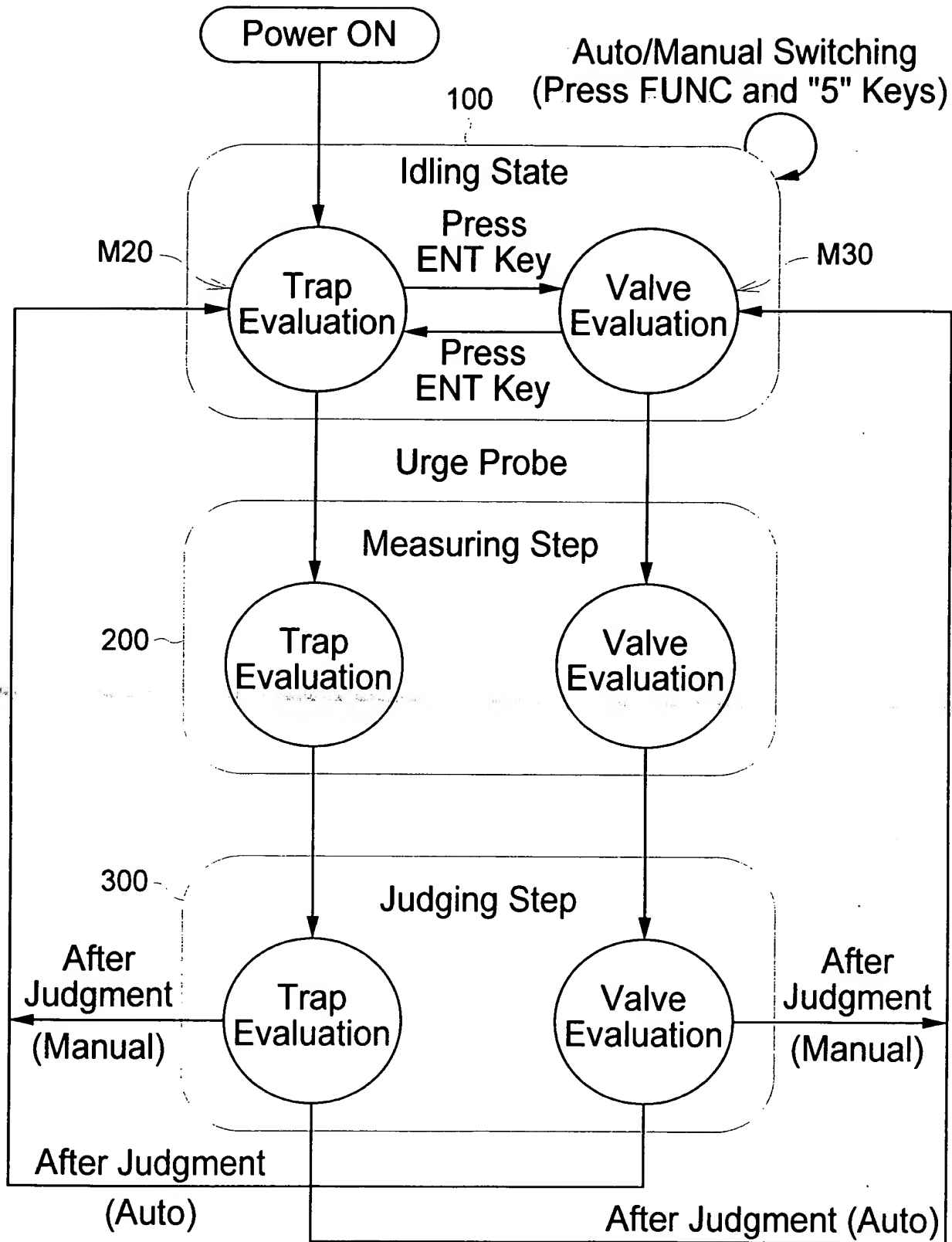


FIG.11

| Data Name | Format | Size |
|----------------------|----------|--------|
| STX | Hex code | 1byte |
| Area No. | Dec | 3bytes |
| Trap No. | Dec | 5bytes |
| Trap Model | Dec | 4bytes |
| Trap Type | Dec | 1byte |
| Inspection Date | Dec | 8bytes |
| Judgment | Dec | 2bytes |
| Application | Dec | 2bytes |
| Operational Pressure | Dec | 3bytes |
| Priority | Dec | 2bytes |
| ⋮ | ⋮ | ⋮ |
| User Original Data | Dec | 3bytes |
| Check Sum | Hex | 4bytes |
| ETB | Hex code | 1byte |
| CR | Hex code | 1byte |

FIG.12

| Area | Trap | Model | Trap Type | Inspection Date | Evaluation | Application | Pressure | Priority |
|------|-------|-------|-----------|-----------------|---------------|-------------|----------|-----------|
| 001 | 00001 | ABC | BUCKET | 07/18/1997 | Good | Heating | 0-50 | Important |
| 001 | 00002 | CDE | THERMO | 07/18/1997 | Good | Heating | 0-50 | Important |
| 001 | 00003 | EFG | TEMP.ADJ. | 07/18/1997 | Leak/M | Heating | 0-50 | Important |
| 001 | 00004 | GHI | TEMP.ADJ. | 07/18/1997 | Good | Heating | 0-50 | Important |
| 001 | 00005 | JKL | FLOAT | 06/30/1997 | Fail Adjust | Heating | 0-50 | Important |
| 001 | 00006 | GHI | TEMP.ADJ. | 06/30/1997 | Not Inspected | Heating | 0-50 | Important |
| 001 | 00007 | EFG | TEMP.ADJ. | 06/30/1997 | Leak/L | Heating | 0-50 | General |
| 001 | 00008 | CDE | THERMO | 06/30/1997 | Good | Heating | 0-50 | General |
| 001 | 00009 | CDE | THERMO | 01/18/1997 | Leak/S | Heating | 0-50 | General |
| 001 | 00010 | GHI | TEMP.ADJ. | 01/18/1997 | Good | Heating | 0-50 | General |
| 001 | 00011 | CDE | THERMO | 01/18/1997 | Good | Heating | 0-50 | General |
| 001 | 00012 | LMN | DISC | 01/18/1997 | Good | Drip | 50-150 | Important |
| : | : | : | : | : | : | : | : | : |

FIG.13

61

23a

61

61

61

Defective Traps Include

☒ Blowing

☒ Low Temp

☒ Leak/Large

☒ Leak/Small

☐ Leak/Medium

☒ Blocked

☒ Leak/Body

☐ Custom Code

61

61

61

61

61

62

62

Inspected Traps Include

☐ Not in Service

☐ Not Inspected Yet

63

64

65

66

OK

Default

Cancel

Help

FIG.14

| Area | Result | Trap | Model | Trap Type | Inspection Date | Application | Pressure | Loss(\$) |
|------|---------------|-------|-------|-----------|-----------------|-------------|----------|----------|
| 001 | Defective | 00005 | JKL | FLOAT | 06/30/1997 | Heating | 0-50 | 0.00 |
| | | 00007 | EFG | TEMP.ADJ. | 06/30/1997 | Heating | 0-50 | 4.00 |
| | Not Inspected | 00006 | GHI | TEMP.ADJ. | 06/30/1997 | Heating | 0-50 | 0.00 |
| | | 00001 | ABC | BUCKET | 07/18/1997 | Heating | 0-50 | 0.00 |
| | Good | 00002 | CDE | THERMO | 07/18/1997 | Heating | 0-50 | 0.00 |
| | | 00003 | EFG | TEMP.ADJ. | 07/18/1997 | Heating | 0-50 | 2.00 |
| | | 00004 | GHI | TEMP.ADJ. | 07/18/1997 | Heating | 0-50 | 0.00 |
| | | 00008 | CDE | THERMO | 06/30/1997 | Heating | 0-50 | 0.00 |
| | | 00009 | CDE | THERMO | 01/18/1997 | Heating | 0-50 | 1.00 |
| | | 00010 | GHI | TEMP.ADJ. | 01/18/1997 | Heating | 0-50 | 0.00 |
| | | 00011 | CDE | THERMO | 01/18/1997 | Heating | 0-50 | 0.00 |
| | | 00012 | LMN | DISC | 01/18/1997 | Drip | 50-150 | 0.00 |
| | | : | : | : | : | : | : | : |
| | | : | : | : | : | : | : | : |

FIG.15

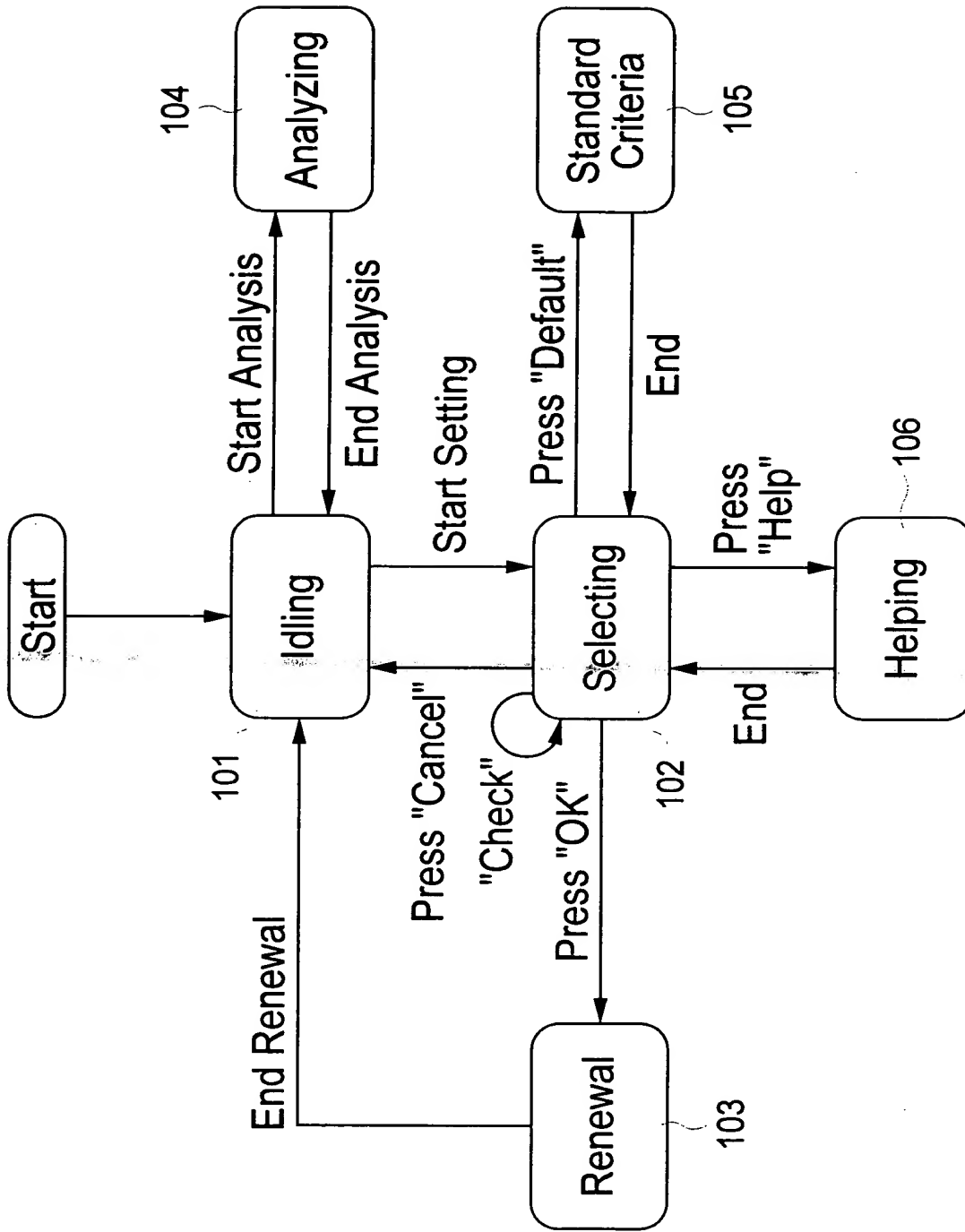


FIG.16

User 1 71 72

| Code | Name | Comments |
|------|------|----------|
| 0 | PPP | XXX-1 |
| 1 | QQQ | XXX-2 |
| 2 | RRR | XXX-3 |
| 3 | SSS | YYY-1 |
| 4 | TTT | YYY-2 |
| 5 | UUU | YYY-3 |

23a

FIG.17 (a)

Edit Code - End User 1

73 Code : 5 73a 73b 23a

Name : UUU 74

Comments : YYY-3 75

76 OK 77 Cancel

FIG.17 (b)

| Area | Trap | Model | Processing Data | Manufacturer | Month of Use | User-1 | Note |
|------|-------|-------|-----------------|--------------|--------------|--------|-------|
| 001 | 00001 | ABC | D11 | PQR | 0-12 | PPP | ***** |
| 001 | 00002 | CDE | D12 | XYZ | 0-12 | PPP | ***** |
| 001 | 00003 | EFG | D13 | XYZ | 0-12 | PPP | ***** |
| 001 | 00004 | GHI | D14 | PQR | 0-12 | PPP | |
| 001 | 00005 | JKL | D15 | PQR | 0-12 | PPP | ***** |
| 001 | 00006 | GHI | D14 | PQR | 0-12 | PPP | |
| 001 | 00007 | EFG | D13 | XYZ | 12-24 | QQQ | |
| 001 | 00008 | CDE | D12 | XYZ | 12-24 | QQQ | |
| 001 | 00009 | CDE | D12 | XYZ | 12-24 | QQQ | ***** |
| 001 | 00010 | GHI | D14 | PQR | 12-24 | SSS | ***** |
| 001 | 00011 | CDE | D12 | XYZ | 12-24 | SSS | |
| 001 | 00012 | LMN | D16 | PQR | 0-12 | UUU | ***** |
| : | : | : | : | : | : | : | : |

FIG.18

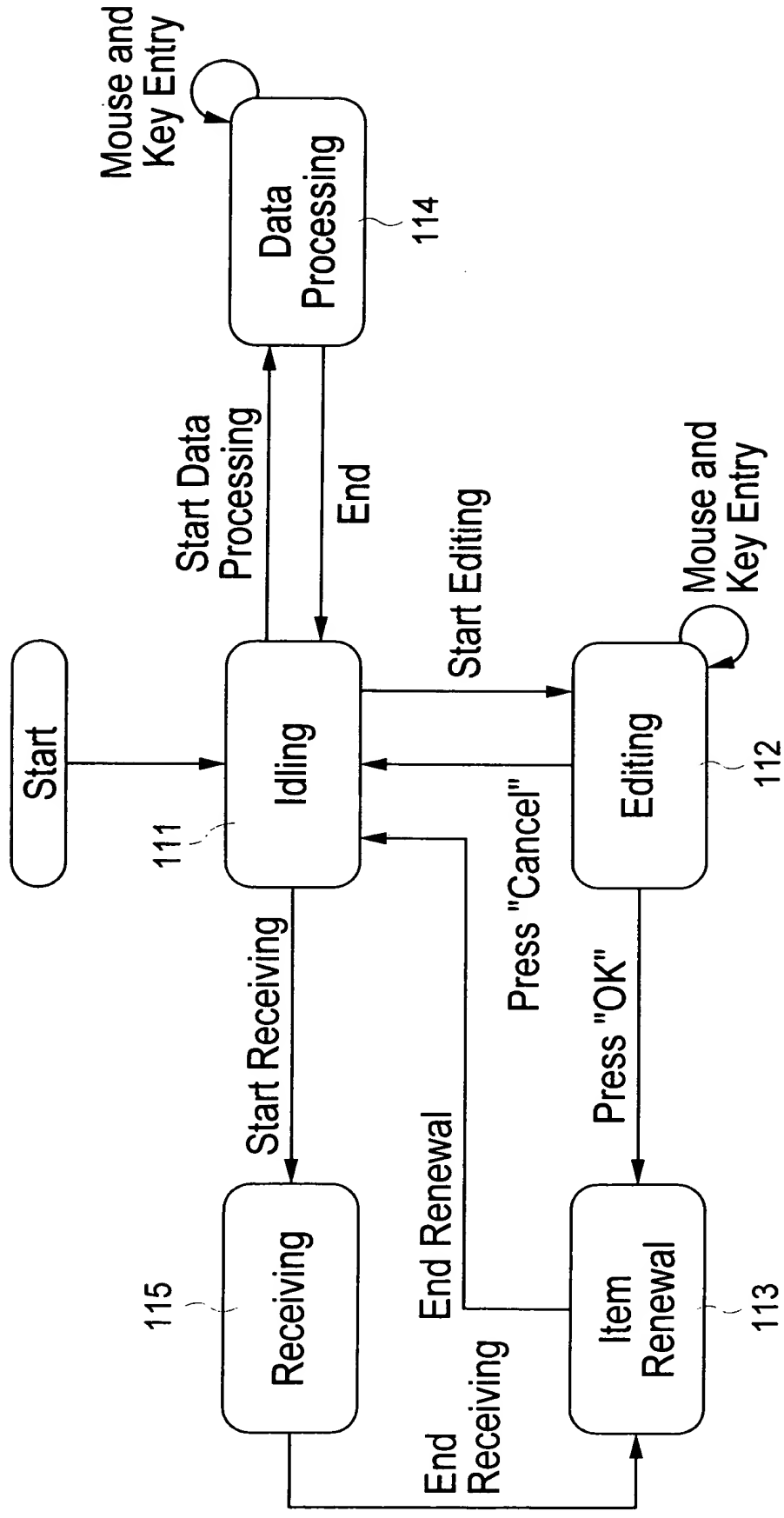


FIG.19

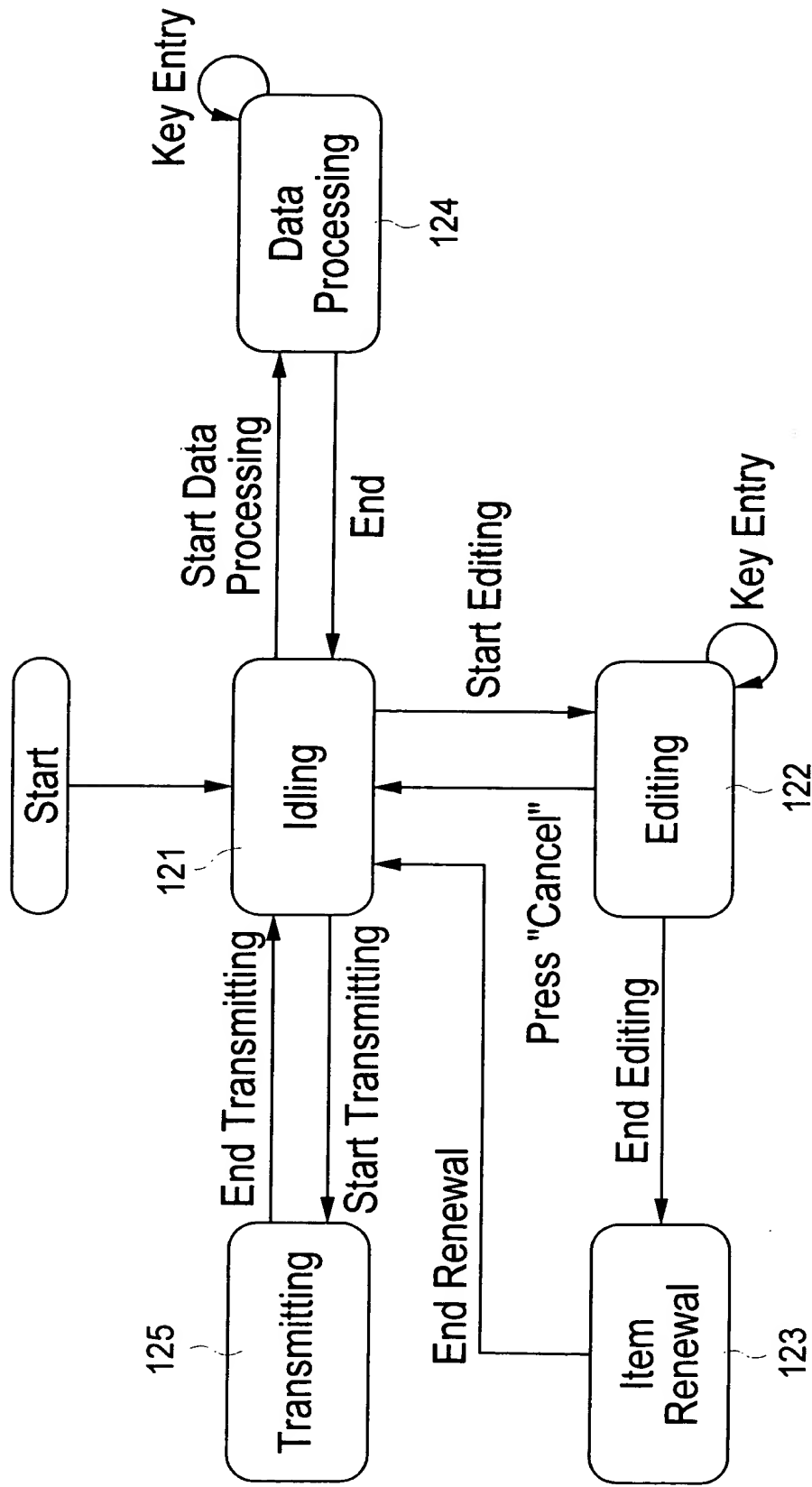


FIG.20

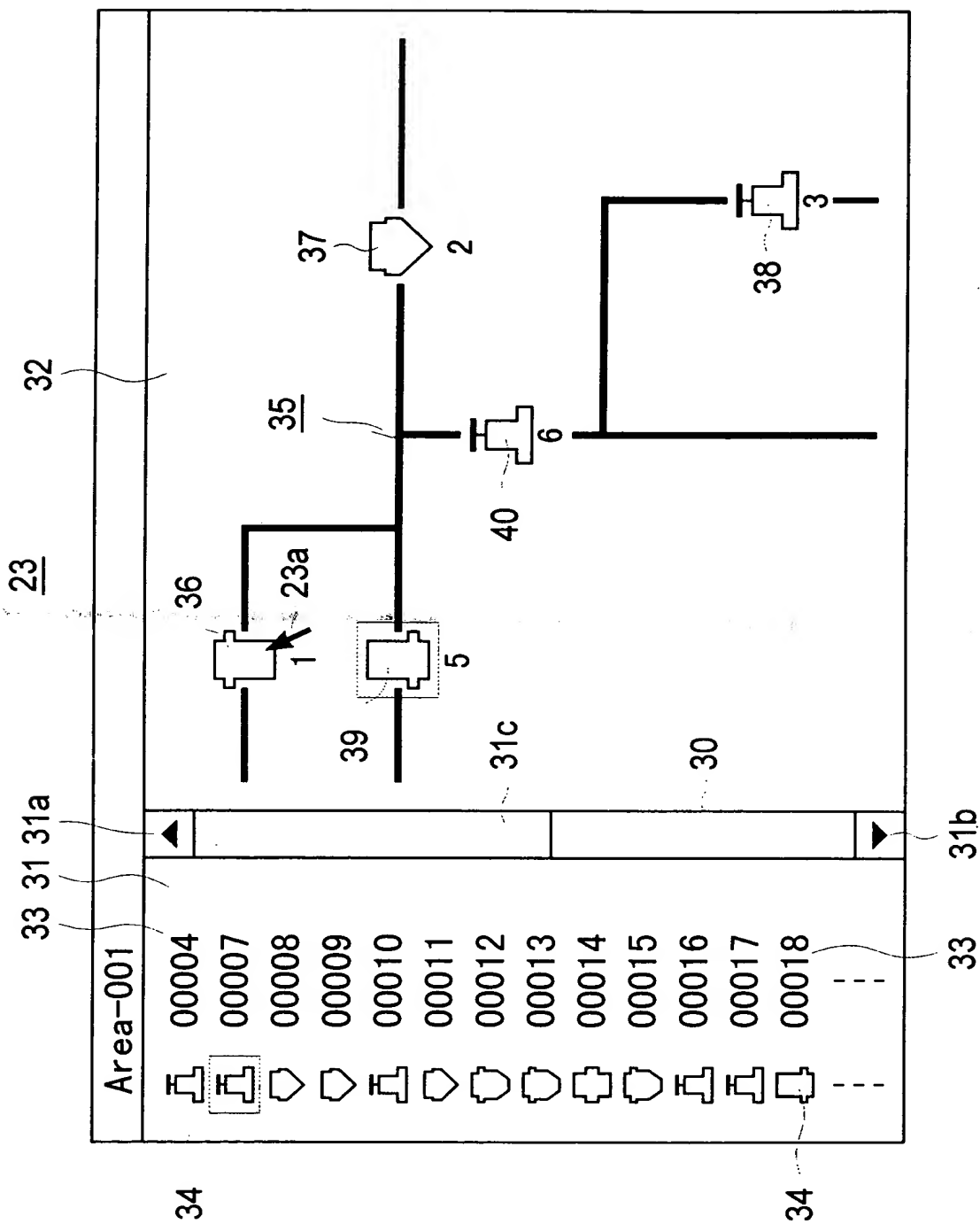


FIG. 21

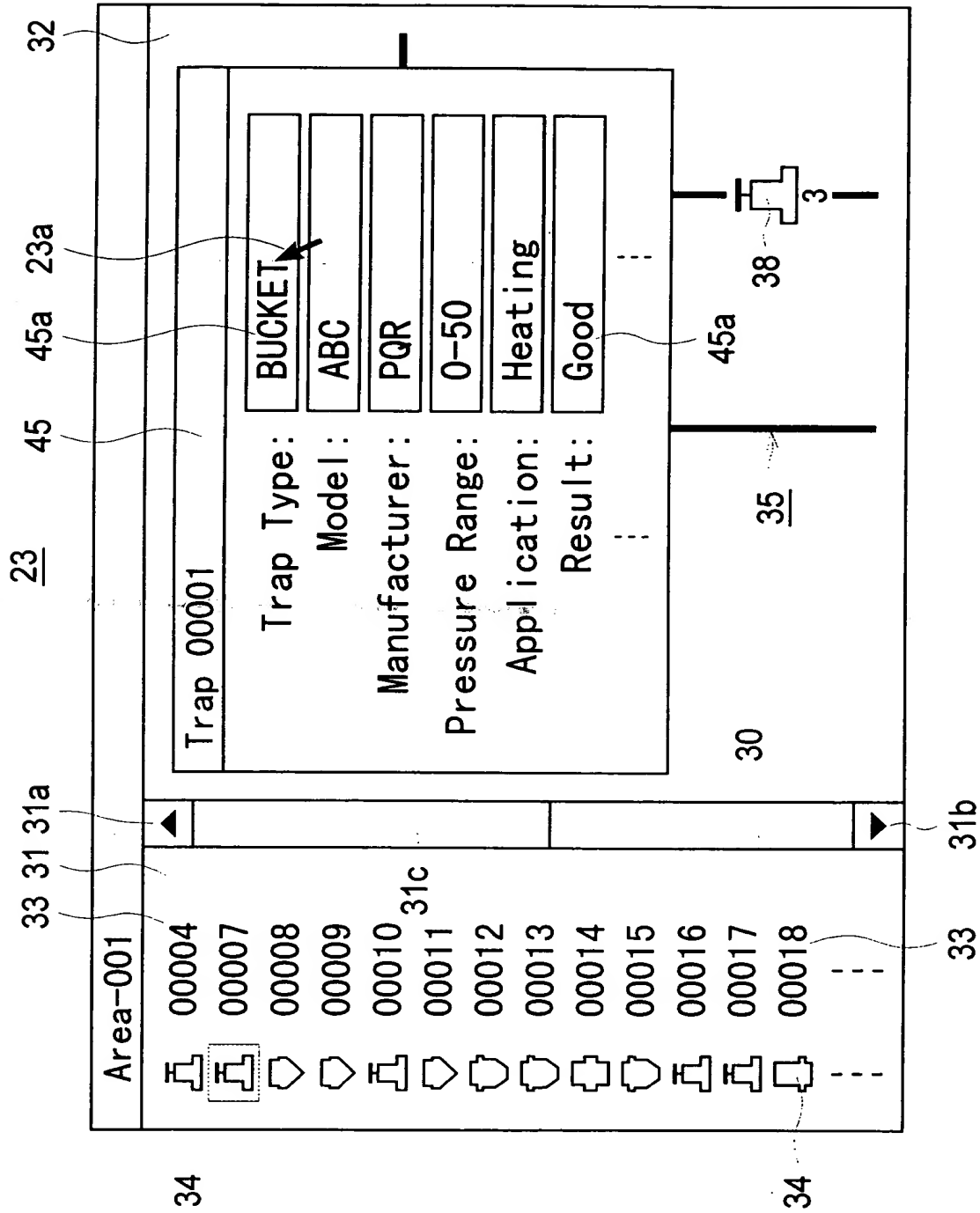


FIG.22

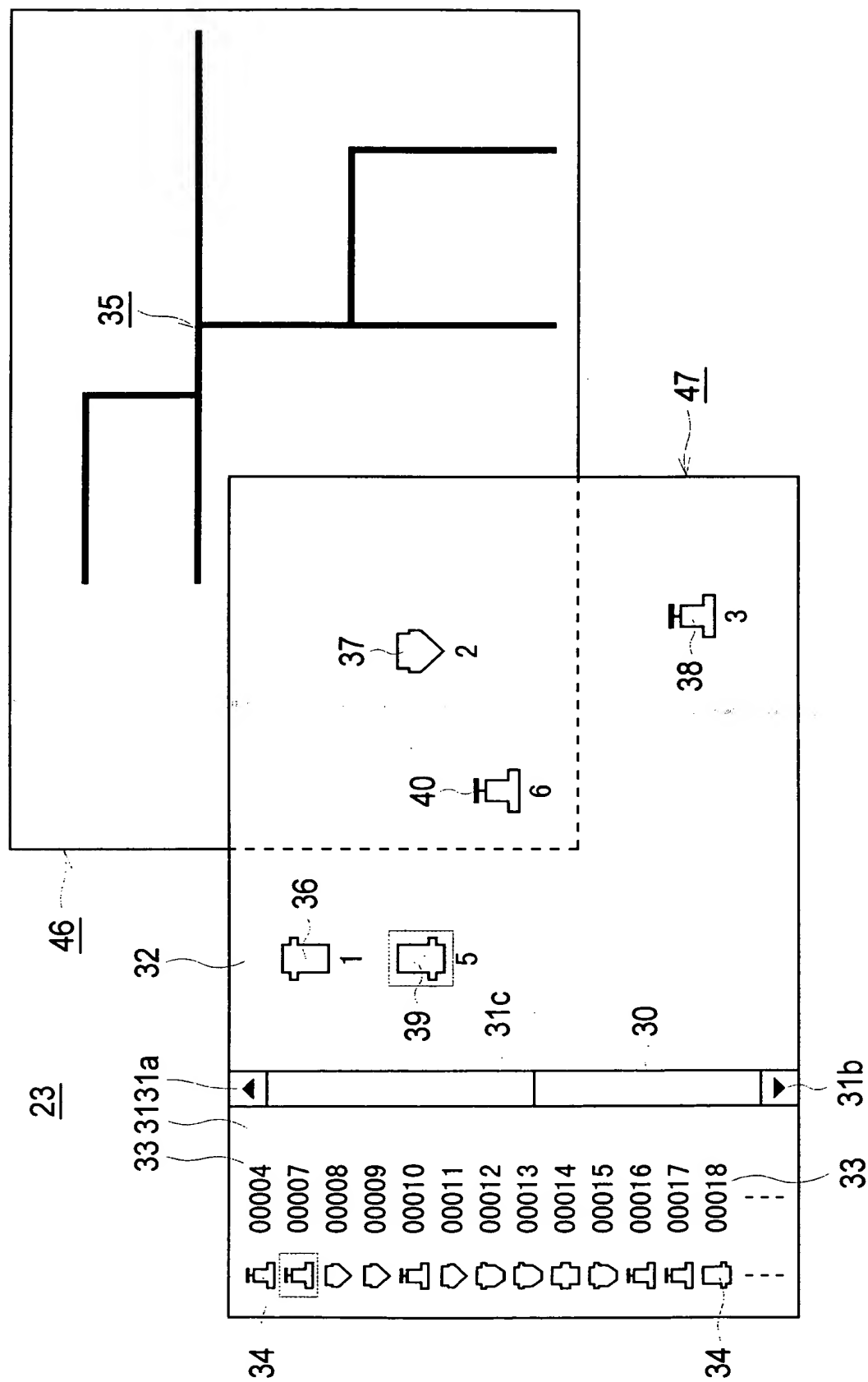


FIG. 23

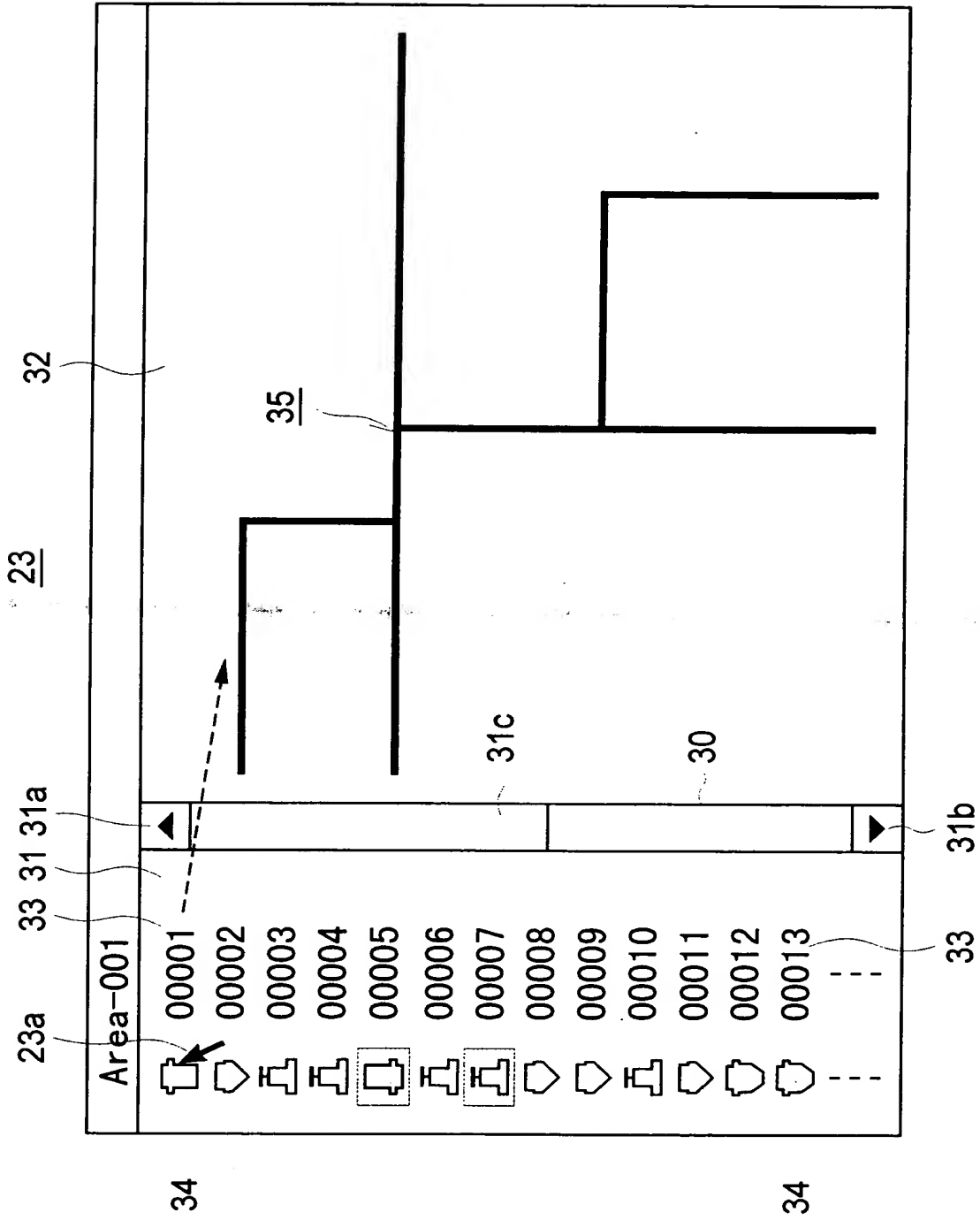


FIG. 24

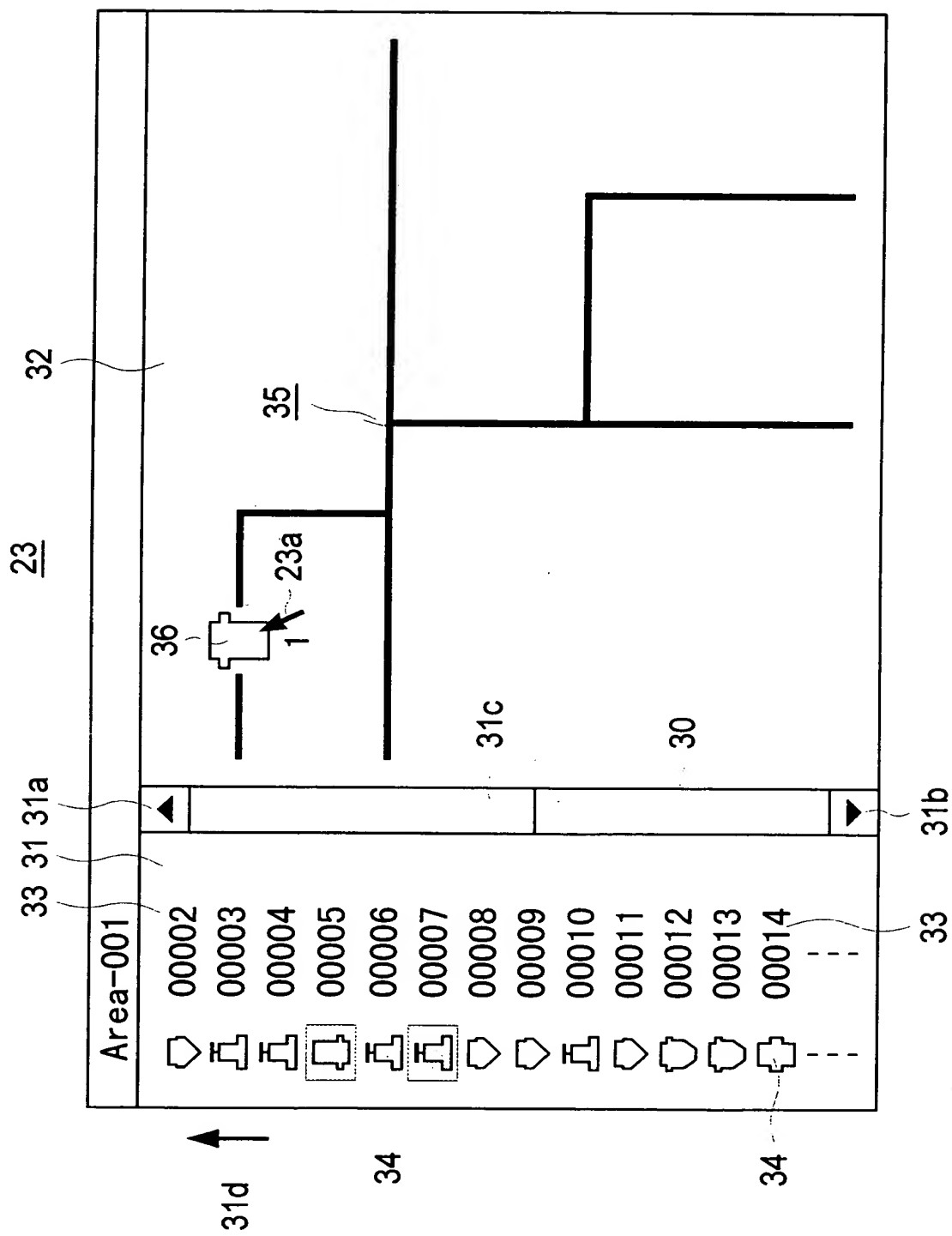


FIG. 25

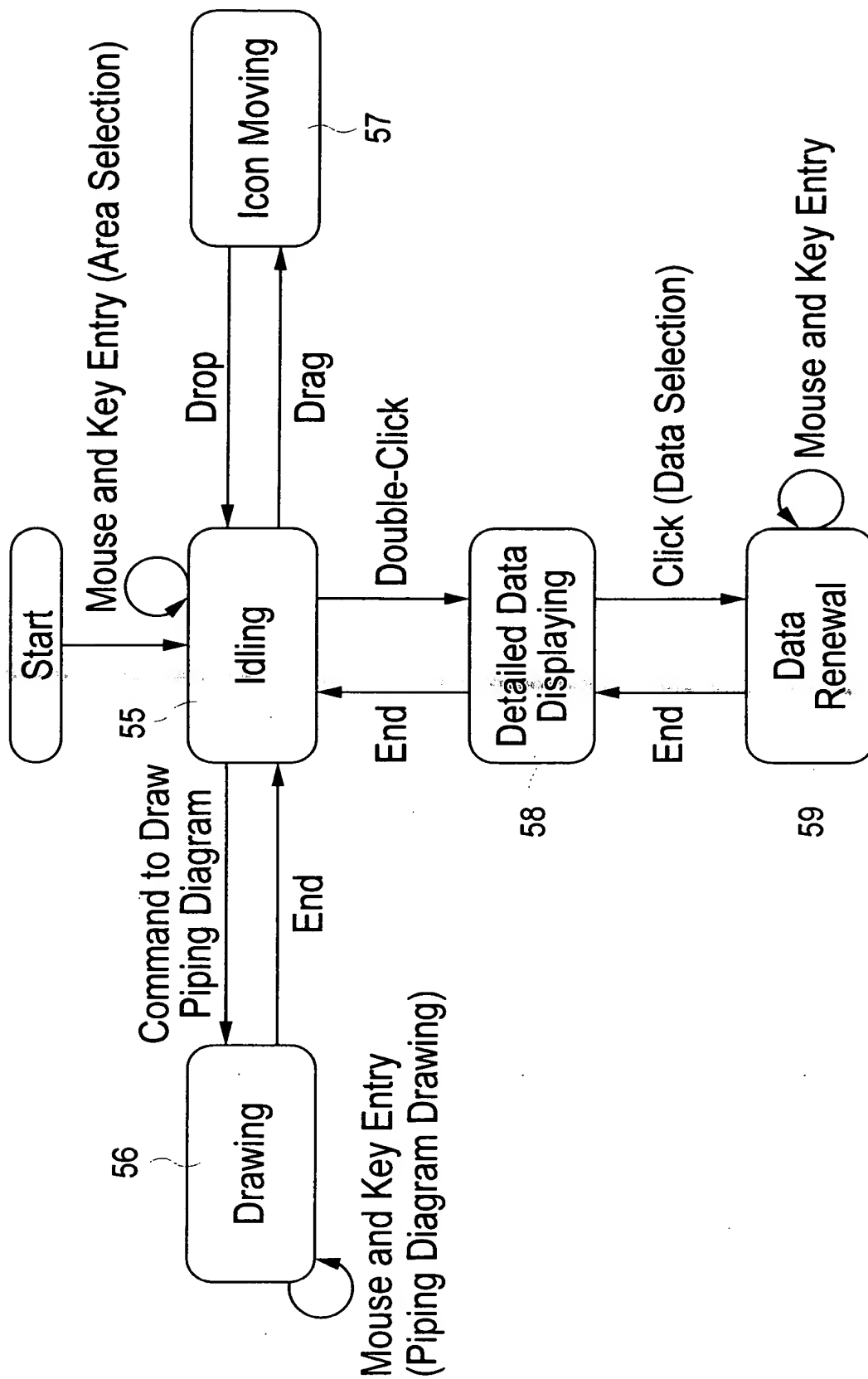


FIG.26

81d 81c 81 82b 82d 82c 82 82g 83b 83d 83c 83 83g

81b 23a 84c 84d 84b

81f ☒ Area 81a 81g 81e

82f ☒ Application 82a 82e

83f ☒ Pressure 83a 83e

84e ☒ Month of Use 84a 84g 84f

85c 85e ☒ Priority 85a 85b 85d 85g 85f 86d 86b 86a 86 86g 86f

86c ☐ Trap Type 86e

87 88 89 80

81d 81c 81 82b 82d 82c 82 82g 83b 83d 83c 83 83g

81b 23a 84c 84d 84b

81f ☒ Area 81a 81g 81e

82f ☒ Application 82a 82e

83f ☒ Pressure 83a 83e

84e ☒ Month of Use 84a 84g 84f

85c 85e ☒ Priority 85a 85b 85d 85g 85f 86d 86b 86a 86 86g 86f

86c ☐ Trap Type 86e

87 88 89 80

FIG.27

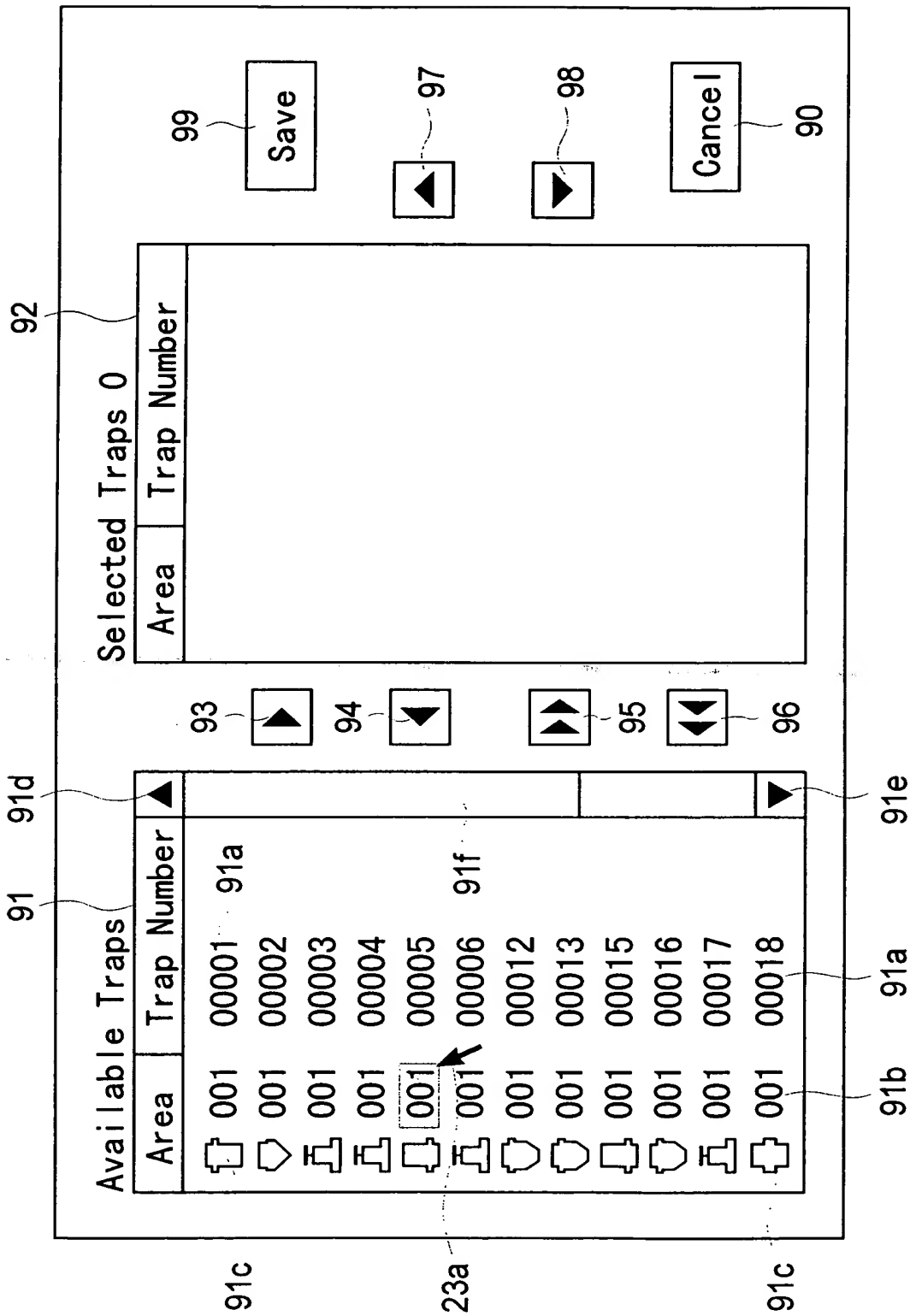


FIG. 28

91

91d

Available Traps

| Area | Trap Number |
|------|-------------|
| 001 | 00001 91a |
| 001 | 00002 |
| 001 | 00003 |
| 001 | 00004 |
| 001 | 00006 |
| 001 | 00012 91f |
| 001 | 00013 |
| 001 | 00015 |
| 001 | 00016 |
| 001 | 00017 |
| 001 | 00018 |
| 001 | 00022 |

91c

91h

91c

92

Selected Traps 1

| Area | Trap Number |
|-----------------------------------|-------------|
| <div>001</div> <div>91c 91b</div> | 00005 91a |

93

94

95

96

97

98

99 Save

90 Cancel

FIG.29

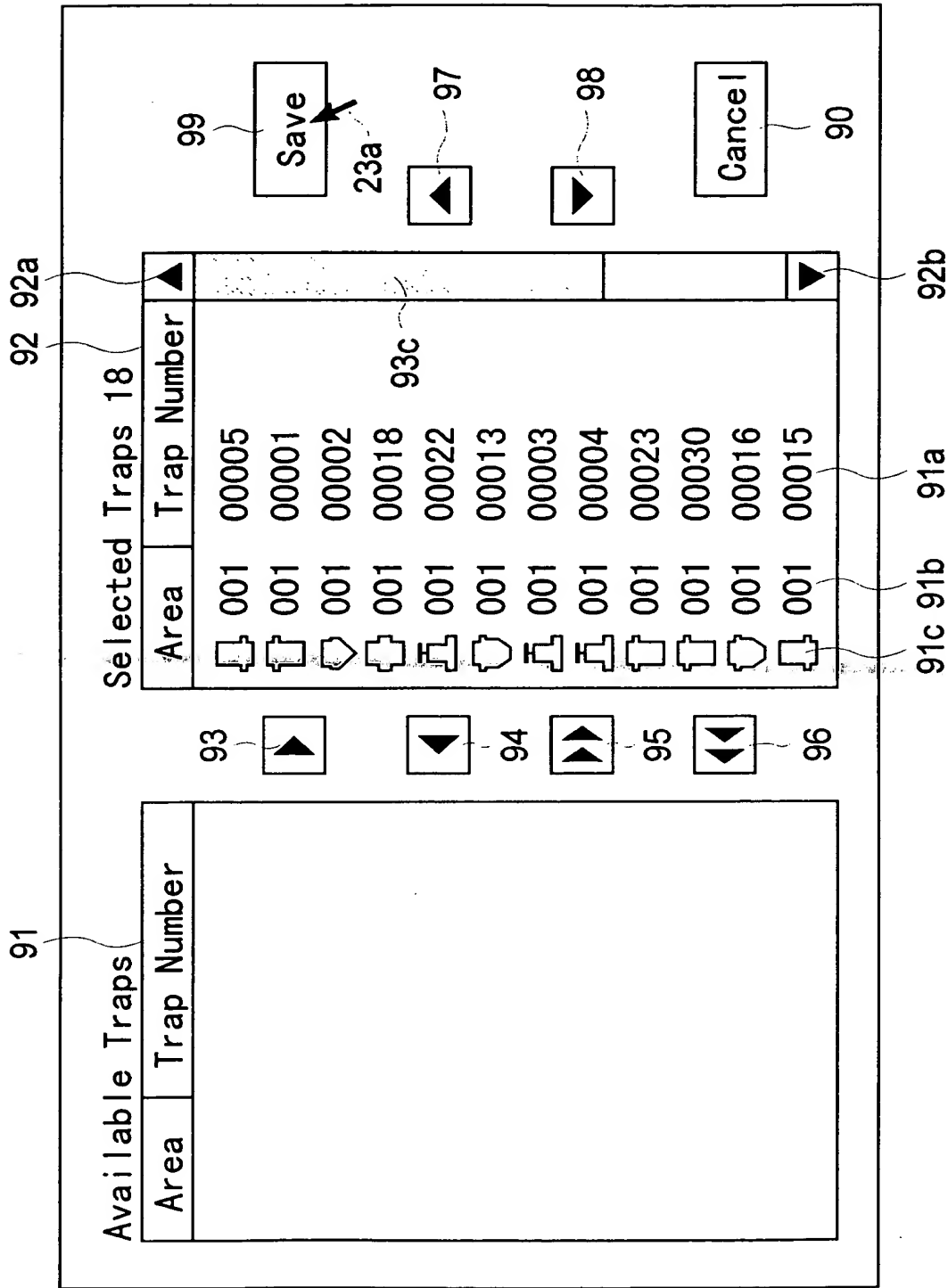


FIG.30

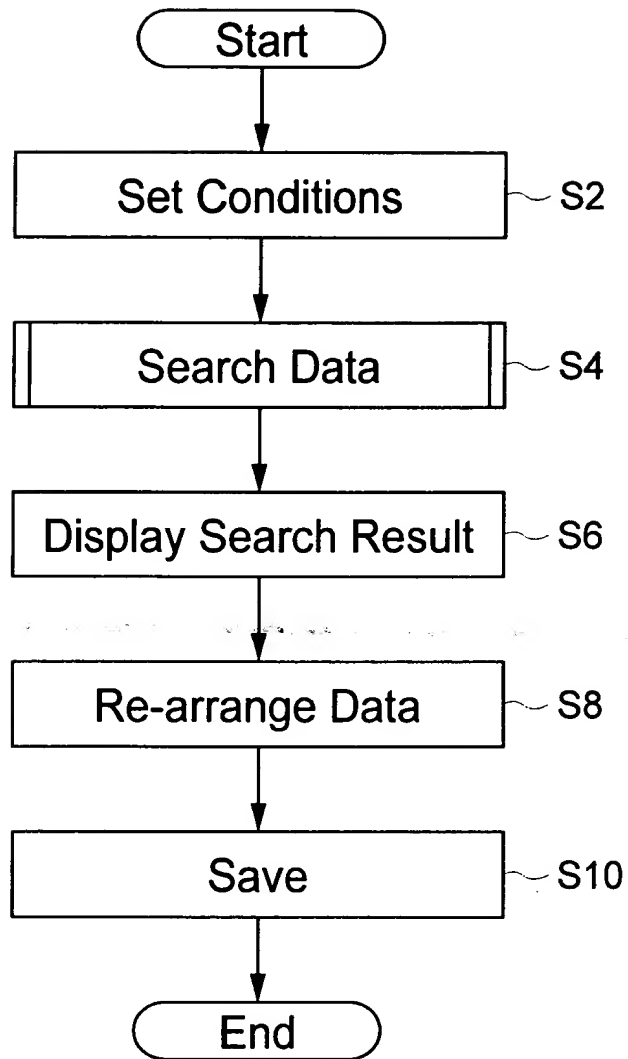


FIG.31

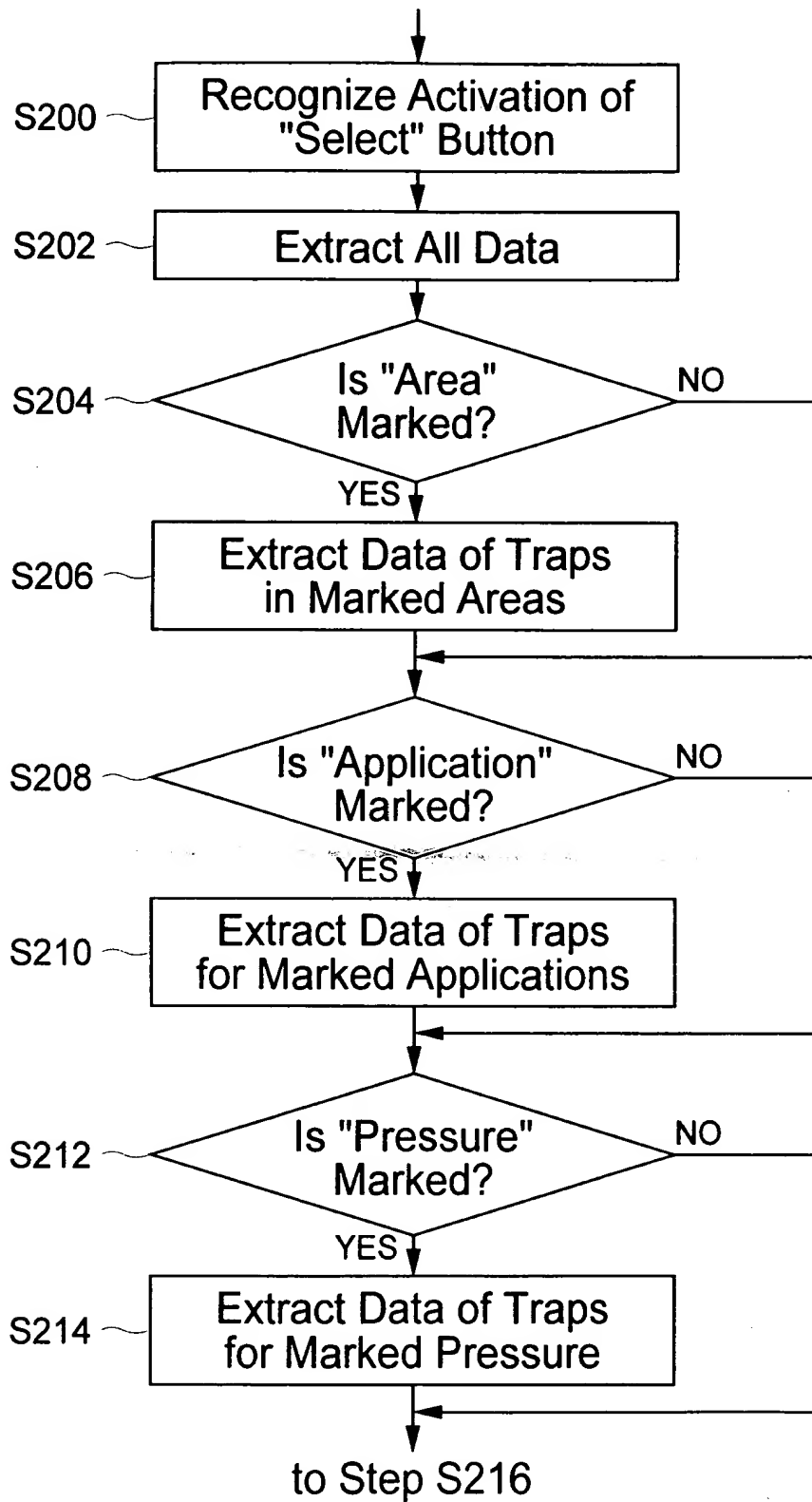


FIG.32A

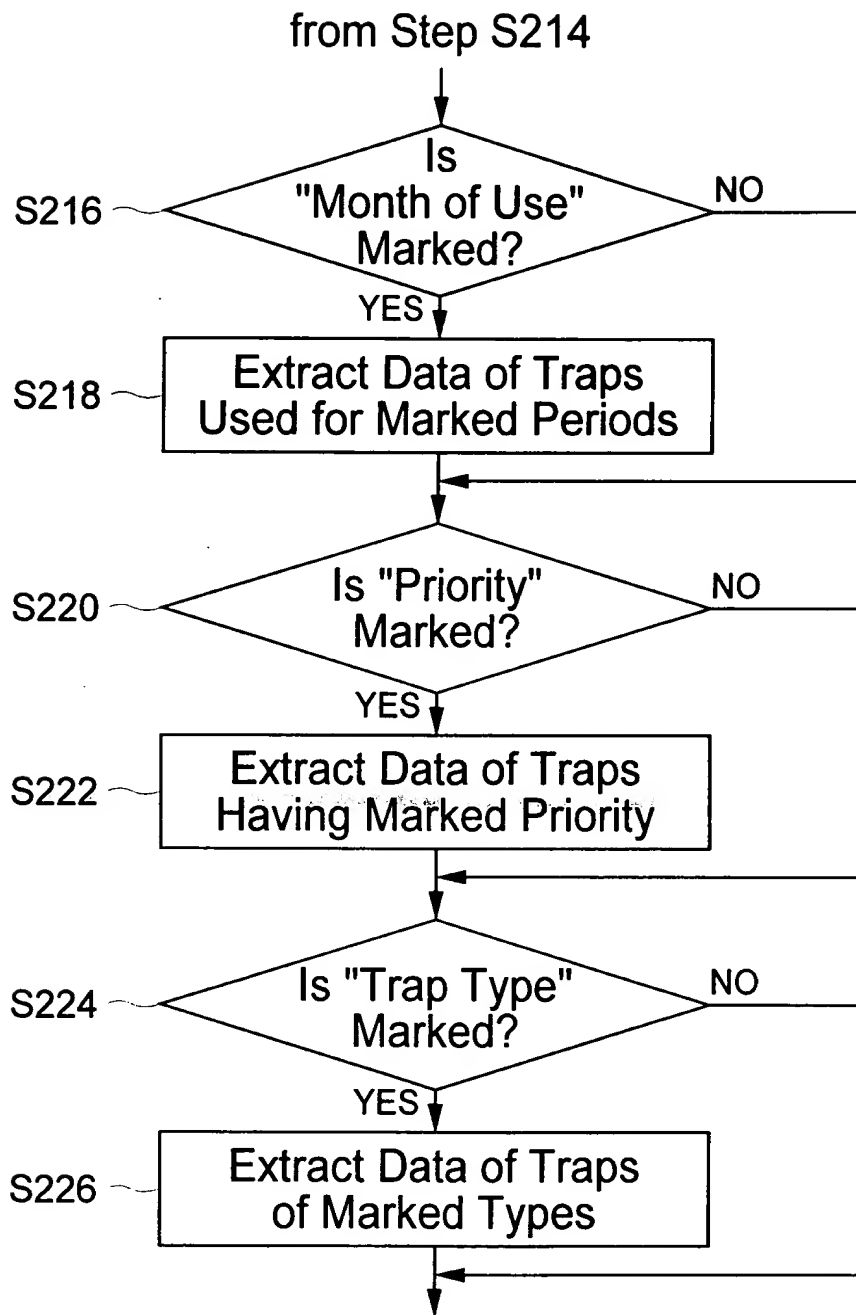


FIG.32B

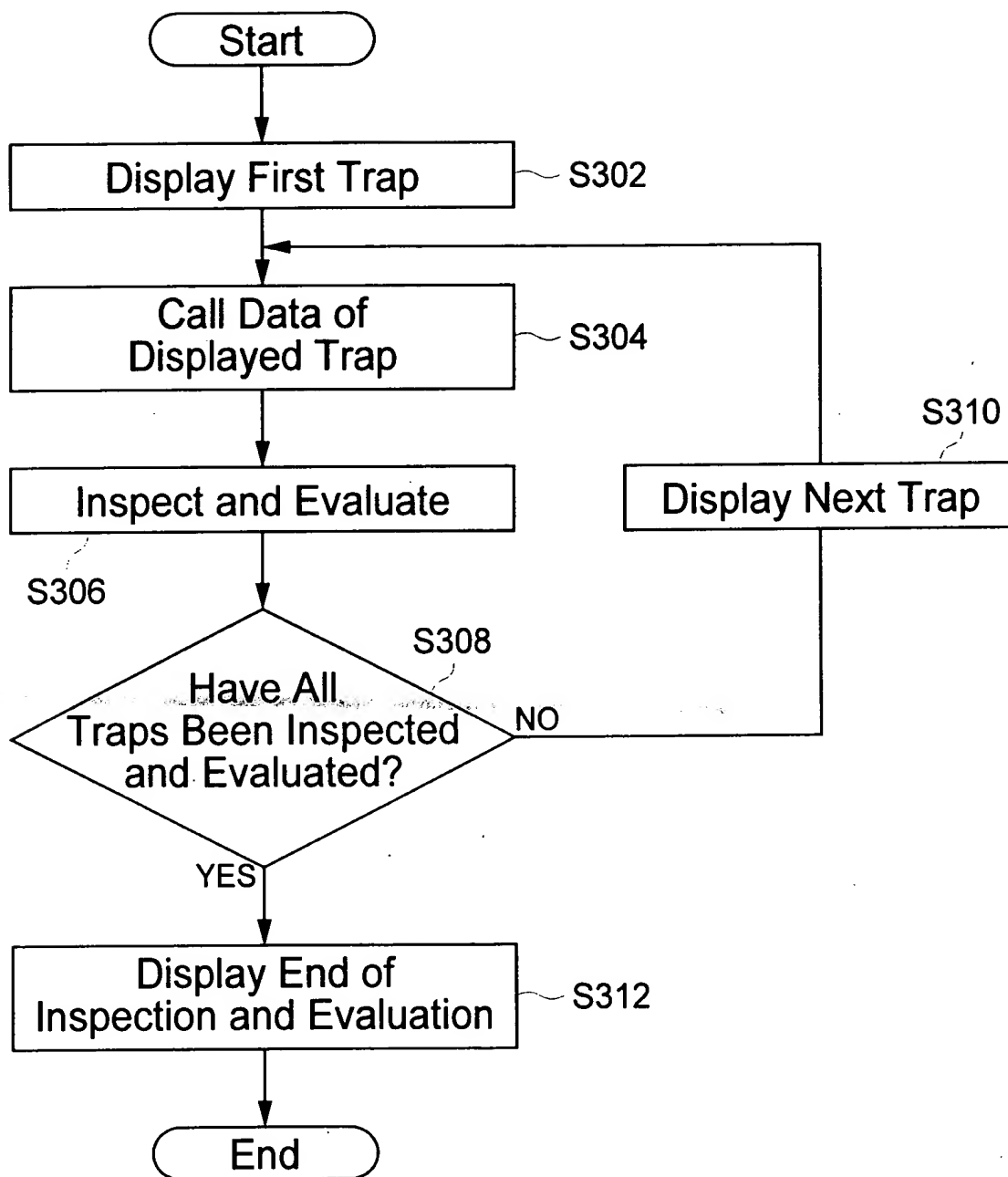


FIG.33